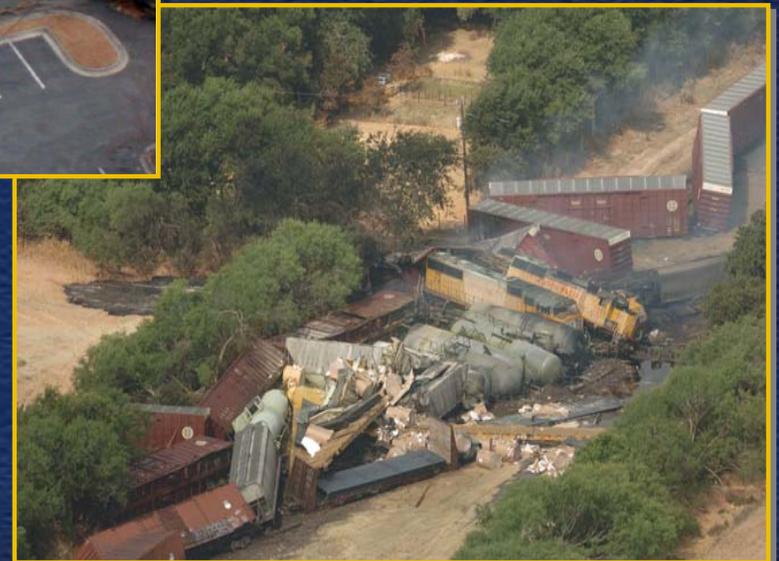


NTSB MOST WANTED
Transportation Safety Improvements

Implement Positive Train Control Systems



Safety Improvements Wanted

- Facilitate development and implementation of positive train control systems that include collision avoidance, and
- Require implementation of positive train control on main line tracks, giving priority to high-risk corridors where commuter and intercity passenger railroads operate.

R-01-6



Human Factors Causes

- Fatigue
- Sleep-Apnea
- Medication
- Reduced visibility
- Distractions



Train Accidents

FRA reported accidents for 2006

- 195 head-on, rear-end, and side collisions
- 176 or 90% attributed to human factor causes



FRA Action

- Final rule, effective June 2005
- \$4.5 Million grant to Railroad Research Foundation
- Funding NJPTC Program



Positive Train Control Projects

Amtrak

- 430 miles installed on Northeast Corridor
- 45 miles installed on Michigan Line

New Jersey Transit

- 23 miles of 540 miles installed



Positive Train Control Projects

Union Pacific Railroad

- 193 miles in signaled territory
- 140 miles in dark territory

Alaska Railroad

- 611 miles under development



Positive Train Control Projects

BNSF Railway

- Centralia - Beardstown, IL
135 miles
- Dallas / Fort Worth - Oklahoma City
167 miles

Norfolk Southern Railway

- Charleston - Columbia, SC
114 miles



Draft Legislation

- U.S. Senate
- U.S. House of Representatives



Implement Positive Train Control Systems

Proposed Safety Board Action

- Keep issue area on Most Wanted List
- Retain yellow designation:
Acceptable response – progressing slowly

Timeliness Classification

YELLOW

